



Product Information

UNICOLOR Universal Pigment Paste System **AC**

UNICOLOR Universal Pigment Paste System AC is based on a water compatible universal binder, perfect for application in waterborne industrial - and decorative paints. A small number of system-components. offers a creation of thousands of color shades in excellent reproductibility , in all glossgrades and in all water based standard paint systems.. UNICOLOR Universal Pigment Paste System AC is a perfect color-management with an optimum price performance ratio.

Features

- optimised pigmentation level
- the use of standard and tinting pigments assures optimised UV and weatherfastness
- lead free alternatives
- excellent flow and levelling, suitable for pumping
- colouristic exactly adjusted
- gravimetric dosage
- neutral viscosity
- adding up to 30 weight-% is possible
- solvent content < 3 % (exception: AC 920 Aluminium)
- alkyl phenol ethoxylate (APEO) free, plasticizer free
- improved formulation compatibility across a broad range of waterborne 1K and 2K paint systems based on alkyd, acryl, melamin, polyurethan, epoxid resins and cellulose esters. Generally a compatibility test is recommended.

Storage

At least 2 years, if the tightly closed original packages are kept dry, protected against frost. Storage temperature: from +5°C till maximum +30°C.

Processing Conditions

Stiring well before use (about 1 minute in a Shaker)

Homogenise thoroughly the content after the addition of the colour concentrates by stirring, shaking or mixing (about 2 minutes in a shaker).

No dilution is necessary. AC pigment concentrates are supplied ready for use

Formulating Guidelines:

The data for temperature stability, weathering and light fastness are referring to the used pigments. Weathering and light fastness are evaluated for 1/3 and 1/25 standard colour depth. The weatherfastness was appreciated by the 5-level grey scale to DIN 54001. The photostability was meant on the 8-level blue scale according to DIN 54003. All the provided data must be considered as representative mean values and must on no account be used as a sale specification.

In the mixing formulae there are some abreviations unique for a particular finish type as follows:

HC = available as „High Coverage“ formula

Pb = lead content

UV = UV resistance for exterior use

Spray = formula for aerosols



Produktinformation

UNICOLOR Universalpastensystem AC

Technical Data

UNICOLOR Universal Paste AC	Color-Index	Solid content weight %	Density kg/l	VOC g/l	Light fastness		Weather resistance		Heat resistance °C
					1/3	1/25	1/3	1/25	
AC 110 curry yellow	P.Y. 42	50	1,46	57	8	8	5	5	180
AC 115 Sulfur yellow	P.Y. 151	48	1,16	39	8	7-8	4-5	4	200
AC 120 Golden yellow	P.Y. 74	49	1,19	52	7	6	3	3	140
AC 130 Rape yellow Pb	P.Y. 34	66	1,80	57	8	8	4-5	4-5	200
AC 210 Brown orange	P.Y.184	73	2,20	57	8	8	5	5	200
AC 220 Pure orange	P.O. 67	48	1,28	63	6	5	3	2	100
AC 225 Deep orange	P.O. 36	44	1,24	45	8	8	4-5	4	160
AC 290 vermilion Pb	P.R. 104	57	1,62	62	7-8	7-8	4-5	4-5	180
AC 310 Brown red	P.R. 101	56	1,61	49	8	8	5	5	200
AC 315 Flame red	P.R. 254	45	1,17	37	8	8	5	4-5	180
AC 320 Light red	P.R. 112	36	1,07	45	6-7	5	3	3	140
AC 410 Bordeaux	P.R. 122	35	1,10	85	8	7-8	4-5	4	160
AC 415 lilac	P.V. 23	40	1,16	90	7-8	7-8	4	4	160
AC 510 Deep blue	P.B.15:4	40	1,20	76	8	8	5	5	200
AC 610 Emerald green	P.G. 7	38	1,21	80	8	8	5	5	200
AC 910 Jet black	P.Bk. 7	44	1,29	91	8	8	5	5	200
AC 915 Pure white	P.W. 6	77	2,15	35	8	8	5	5	200
AC 920 aluminium 1	-	38	1,07	542	-	-	-	-	> 200

Special Remarks

Comparisons should be made by day light, before application.

Paints coloured with aluminium pastes should be protected against heat. Storage temperature max. 35 °C. Pressurisation of the drum may occur if heated.

This data sheet is for information purpose only! To our knowledge the data provided complies with the latest standard and is based on years of experience in the manufacture of our products. However the data is not binding and without warranty. Please follow recommendations stated on the relevant safety data sheet and precautions stated on the product label. We reserve our right to make additions, deletions, or modifications to the information at any time without prior notification.